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A reference numeral **51** denotes a CPU prism which is a first prism. For example, the CPU prism **51** is made of a transparent synthetic resin, and comprises a plurality of photo-conductors **52** which correspond to the light source **66** located on the CPU board **62** and have a light emitting portion at the upper portion. As shown in FIG. 7, the CPU prism **51** is interposed between the attachment ribs **43a** and **43b** along the inner surface of the circumferential wall **22** of the case **21** so that a distal end portion of the CPU prism **51** is fitted into the display hole **41**. Further, engaging portions **53** formed at both sides of the CPU prism **51** are fitted into engaging holes **44** formed in the attachment ribs **43a** and **43b**, and thus, the CPU prism **51** is mounted to the case **21**.

A reference numeral **54** denotes an I/O prism which is a second prism. The I/O prism **54** includes an attachment plate **55**, and one side of the attachment plate **55** is provided with a plurality of photo-conductors **56** which are perpendicular to the attachment plate **55**, and correspond to the light source **67** located on the I/O board **63**. Further, the other side of the attachment plate **55** is formed with light emitting portions **57** which are continuously arranged so as to correspond to these photo-conductors **56**. A reference numeral **58** denotes a pair of engaging holes which are formed on one side of the attachment plate **55**, and **59** denotes an engaging notched portion which is formed at an opposed side of the engaging holes **58** of the attachment plate **55**.

The aforesaid I/O prism **54** is mounted to the case **21** in the following manner; more specifically, the light emitting portions **57** of the prism **54** are respectively interposed into display holes **42** from the inner side of the case **21**, and then, as shown in FIG. 7, one-side engaging members **45a** located on the upper plate **24** are respectively fitted into engaging holes **58** formed on the attachment plate **55**, and next, the attachment plate **55** is pressed down. Then the attachment plate is moved down along the other side engaging members **45b**, and then, engaging holes **58** formed on the attachment plate **55** are engaged with engaging pawls of these engaging members **45a** and **45b**, and thus, the attachment plate **55** is fixed. At this time, one side of the attachment plate **55** is supported by the stepped portion of the support rib **45c**, and the other side thereof is abutted against the upper plate **24**. In this case, these engaging members **45a** and **45b** have engaging pawls formed in the same direction, so that the I/O prism **54** can be readily detached from the case **21** and attached thereto.

Next, is a description of one example of assembling procedures for housing the printed board assembly **61** into the housing body constructed as described above. In this case, the CPU board **62**, the I/O board **63** and the terminal board **64** are combined so as to form the printed board assembly **61**, and the case **21** is attached with the CPU prism **51** and the I/O prism **54**.

First, the CPU board **62** of the printed board assembly **61** is placed on the base body **1**, and then, is pressed down. By doing so, the CPU board **62** is placed on the first support portion **4** while both longitudinal edge portions are engaged with engaging pawls of the engaging members **9**. Simultaneously, both end portions of the terminal board **64** are inserted into the guide grooves **6** of the struts **5a** and **5b**, and then, the engaging pawls **65** of the terminal board **64** are fitted into the engaging holes **7** of the struts **5a** and **5b**. Moreover, both end portions of the I/O board **63** are placed on the second support portions **8** of the struts **5c** and **5d**. FIG. 8 shows the assembled state at this time.

In the above manner, the printed board assembly **61** is positioned on the base body **1** without using a screw or the

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like, and then, is securely mounted thereto. The CPU board **62** is engaged with the engaging member **9**, and the engaging pawls **65** provided on both end portions of the terminal board **64** are fitted into the engaging holes **7** of the struts **5a** and **5b**. Thus, even if the base body **1** falls sideways and is turned over, the printed board assembly **61** does not come off from the base body **1** or drops therefrom.

In this state, the terminal base attachment portion **25** of the case **21** is situated on the terminal board **64** side, and then, the case **21** is pressed down so as to be fitted into the printed board assembly **61**. By doing so, the engaging members **47** provided on the lower end portion of the case **21** are engaged with the engaging holes **10** provided in the base body **1**, and then, the case **21** and the base body **1** are integrally combined. The assembled state at this time is shown in FIG. 1. When the case **21** is mounted, the upper surface of the I/O board **63** is closely abutted against the support ribs **46** provided on the case **21**; therefore, the I/O board **63** can be securely held in position.

At this time, each of the photo-conductors **52** of the CPU prism **51** and each of the photo-conductors **67** of the I/O prism **54** are abutted against or are close to the light source **66** of the CPU board **62** and the light source **67** of the I/O board **63**, respectively. Therefore, when any of these light sources **66** and **67** emits light, the emitted light propagates through the corresponding photo-conductors **52** or **56** of the CPU prism **51** or the I/O prism **54**, and thus, the display portions **41** or **42** emit light.

The embodiment of the present invention has been described. The present invention is not limited to the above embodiment, and various modifications are possible without departing from the scope of the present invention.

What is claimed is:

1. A housing body of electronic equipment, which comprises a square base body having a circumferential wall and a box-like case combined with the base body, and a built-in printed board assembly including a plurality of printing boards assembled with said base body,

the printed board assembly comprising first, second and third printed boards, the first and second printed boards being arranged above one another, the third printed board having engaging pawls at end portions thereof and being engaged at one side of the second printed board perpendicular to the second printed board,

the base body being provided with a plurality of printed board engaging members at an inner side of the circumferential wall thereof, and being provided with first support portions and struts in the vicinity of four corner portions of the base body,

each strut of one pair of struts opposed to each other being provided with a guide groove at its opposed face and with a printed board engaging hole which communicates with the guide groove, each strut of the other pair of struts opposed to each other being provided with a second support portion at an upper end portion thereof, the first printed board being mounted on the first support portion so as to be engaged with the printed board engaging members, both end portions of the third printed board being interposed between the guide grooves provided on the struts so that the engaging pawls of the third printed board are engaged with the printed board engaging holes, and end portions of the second printed board being engaged on the second support portions.

2. A housing body of electronic equipment according to claim 1, wherein the case is fitted into the base body so as to cover the printed board assembly,